

CLAIMS

1. A self-supporting weather proof dome to envelop outdoor equipment, the dome being of a material and structure that maintains the shape of the dome and 5 the clearance between the dome and the enclosed objects **characterized in that** the dome comprises an inner structure (11) that withstands external pressure forces and an outer structure (12) that through pulling forces on the outer structure holds the inner structure together, which outer (12) and inner (11) structures are not bonded to each other and at least the outer structure is attachable to a base 10 mount (16, 70).
2. A dome according to claim 1 **characterized in that** also said inner structure is attachable to said base mount (16, 70).
- 15 3. A dome according to claim 1 or 2 **characterized in that** the inner structure (11) includes form rigid cellular plastic.
4. A dome according to claim 1 - 3 **characterized in that** the outer structure (12) includes a UV-resistant fabric (12). 20
5. A dome according to claim 4 **characterized in that** said fabric (12) is a wind-stopper fabric.
6. A dome according to any one of claims 1 - 5 **characterized in that** a number 25 of straps (13, 15, 85 – 88) are mounted on the outer structure (12), which straps (13, 15, 85 – 88) are attachable to said base (1) mount (16, 70) to ensure a solid mount of the dome to the base mount (16, 70).
7. A dome according to any one of claims 4 - 6 **characterized in that** said 30 fabric (12) in its lower part is provided with a number of vertically directed expansion chambers (101 – 103) integrated into the fabric (12) and being equally spread around the dome, the expansion chambers (101 – 103) having a draw function to ensure the fabric (12) to be tighten, enveloping the inner structure (11).

8. A dome according to any of claims 4 - 7 **characterized in that** said fabric (12) includes a number of zips (91 - 93), each zip (91 - 93) extending from a lower edge of the fabric (12) and being directed upwards, preferably up to half of the height of the dome.

5

9. A dome according to any of claims 3 – 8 **characterized in that** said cellular plastic has a thickness such that water condensation inside the dome is substantially reduced.

10 10. A dome according to any of claims 1 – 9 **characterized in that** the dome is provided with means for maintaining a pressure within the dome that slightly exceeds the surrounding pressure.

15 11. A dome according to any one of claims 1 – 10 **characterized in that** the dome is adapted to envelop electronic radio communication equipment in that the materials of the inner and outer structures are such that radio waves are able to penetrate the dome.

20 12. Use of a dome according to any of claims 1 – 11 for protecting outdoor equipment, in particular electronic radio communication equipment.

13. A method for protecting outdoor equipment, in particular electronic radio communication equipment, **characterized in that** the objects are enveloped in a dome according to any of claims 1 – 11.

25

14. A method according to claim 13 **characterized in that** the pressure within the dome is maintained at a slightly higher pressure than the surrounding pressure.

30